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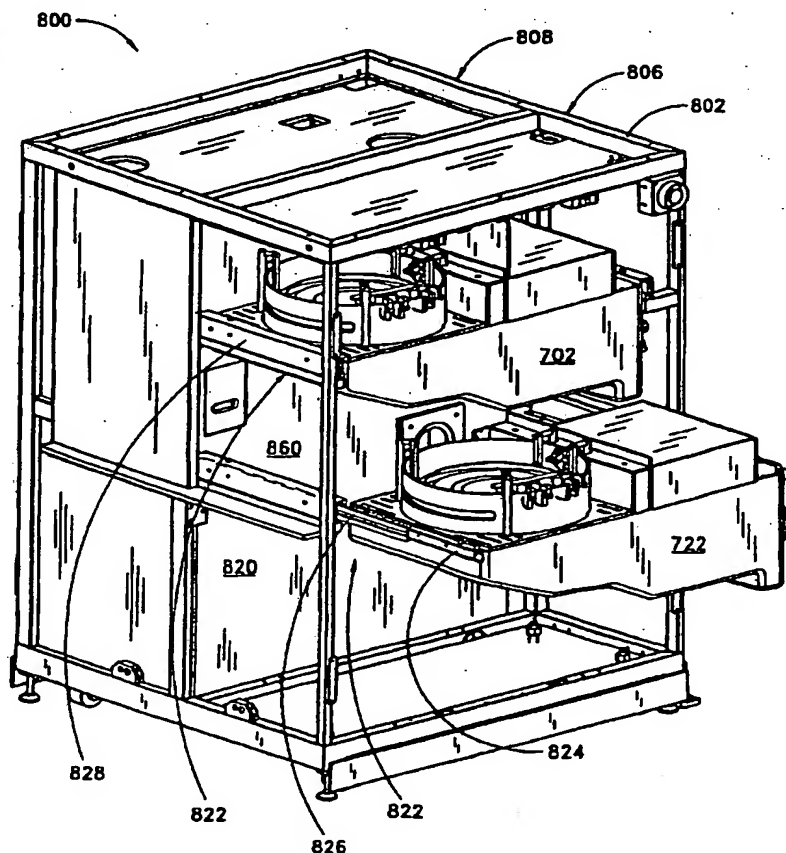
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(54) Title: MEGASONIC CLEANER AND DRYER SYSTEM



(57) Abstract: An apparatus for drying a generally flat substrate (114) that has been cleaned has a rotatable support (110) for supporting the substrate (114), a substrate drying assembly (120), and a controller (147). The substrate drying assembly (120) includes a substrate drying assembly support arm (130), an outlet for applying liquid to an upper surface of the substrate (114), and an outlet for applying a drying vapor to the upper surface of the substrate (114). The substrate drying assembly (120) is configured to position the liquid applying outlet and to position the vapor applying outlet above a portion of the substrate (114). The controller (147) causes the substrate drying assembly (120) to be retracted over the upper surface of the substrate (114) at a faster rate near a center of the substrate (114) than near a periphery of the substrate (114).

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INTERNATIONAL SEARCH REPORT

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 198 33 197 A (TOKYO ELECTRON LTD) 18 February 1999 (1999-02-18)	1, 29, 49
Y	figure 1 page 1, line 5 - line 9 page 1, line 32 - line 43 page 2, line 40 - page 7, line 33	2-28, 30-48
Y	EP 0 905 747 A (IMEC INTER UNI MICRO ELECTR) 31 March 1999 (1999-03-31) cited in the application figure 1 paragraph '0034!	2-28, 30-48

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.*** Special categories of cited documents:**

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Information on patent family members

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